

# Specifications of TM-U230 Dot Matrix Printer

Print method	9-pin, serial impact dot matrix
Print font	Font 7 x 9 / 9 x 9 Column capacity (columns) 40 / 42 or 33 / 35 Character size (mm) 1.2 (W) x 3.1 (H) / 1.6 (W) x 3.1 (H) Character set 95 Alphanumeric, 37 International, 128 x 8 Graphic Traditional / Simple Chinese, Characters per inch 16 or 17.8 cpi, 13.3 or 14.5 cpi
Interfaces	RS-232, Bi-directional parallel, Dealer option: RS-485, USB, 10 Base-T I/F
Data buffer	1 KB / 16 KB
Print speed	3.5 lps (at 40 columns, 16 cpi) 6.4 lps (at 16 columns, 16 cpi)
Paper	Dimensions (mm) Roll paper: 76.0 ± 0.5 (W) x dia. 83.0 Thickness (mm) 0.06 to 0.085
Copy capability	One original
Inked ribbon	ERC-38 (Purple, Black, Black / Red)
Ribbon life	Purple: 4 x 10 <sup>6</sup> characters, Black: 3 x 10 <sup>6</sup> characters B / R: 15 x 10 <sup>5</sup> characters (Black), 75 x 10 <sup>4</sup> characters (Red)
Power	24 VDC ± 5%
Power consumption	Approx. 43 W
D.K.D.function	2 drivers
Reliability	MTBF: 18 x 10 <sup>4</sup> hours MCBF: 18 x 10 <sup>6</sup> lines
Overall dimensions (mm)	166 (W) x 168 (D) x 259.5 (H)
Mass (Approx.)	2.7 kg
EMC standards	VCCI class A, FCC class A, CE marking, AS / NZS 3548 class B
Power supply	Power supply built-in model / Power supply separate model
Factory options	WH-10
Safety standards	UL / CSA / TÜV (EN60950)